

ABSTRACT OF THE DISCLOSURE

The present invention provides piezoelectric ceramics having a thickness of 100 μ m or less, surface flatness of 20 μ m or less and maximum surface unevenness of 3 μ 5 m or less in arbitrary surface region, wherein in-plane variation in dielectric constant is 5% or less of an average dielectric constant. The piezoelectric ceramics are applied to an actuator used for a printing head because of small surface flatness and less in-plane variation in piezoelectric constant.